

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 2070 | 420/560.ccls. or<br>228/8,11,102,103.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2009/07/27<br>18:14 |
| L3    | 41   | l1 and ((replenish\$4 or renew\$4<br>or rejuvenat\$4 or \$3charg\$3 or<br>innervat\$4 or restor\$4 or refill\$4<br>or refresh\$4 or reinvigorat\$4 or<br>restock\$4 or \$3freshen\$3 or<br>\$3fresh\$3 or reviv\$4 or<br>recondition\$4 or restitut\$4 or<br>replac\$4 or regenerat\$4 or<br>revitaliz\$4 or revamp\$4 or revivif<br>\$4 or resuscitat\$4 or revitaliz\$4)<br>with (bath or vat or wave or<br>pool or reservoir or tank or pot))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2009/07/27<br>18:15 |
| L4    | 1549 | 228/256-260.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/27<br>18:37 |
| S2    | 2    | "6179935".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2008/04/24<br>14:11 |
| S4    | 1672 | (solder\$ with (bath or vat or<br>wave or pool or reservoir or<br>tank)) and ((replenish\$4 or<br>renew\$4 or rejuvenat\$4 or<br>\$3charg\$3 or innervat\$4 or<br>restor\$4 or refill\$4 or refresh\$4<br>or reinvigorat\$4 or restock\$4 or<br>\$3freshen\$3 or \$3fresh\$3 or<br>reviv\$4 or recondition\$4 or<br>restitut\$4 or replac\$4 or<br>regenerat\$4 or revitaliz\$4 or<br>revamp\$4 or revivif\$4 or<br>resuscitat\$4 or revitaliz\$4) with<br>(bath or vat or wave or pool or<br>reservoir or tank)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR             | ON      | 2008/07/28<br>11:57 |

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| S7  | 26628 | (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) with solder\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>15:40 |
| S8  | 330   | S4 and S7   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>15:43 |
| S9  | 0     | ("2006/0011709").URPN.  | USPAT   | NEAR | ON | 2008/07/28<br>16:18 |
| S10 | 2     | 10/030882.app.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>16:35 |
| S11 | 2     | ("4634044"   "5393489").PN. OR ("6699306").URPN.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/07/28<br>16:39 |
| S12 | 4     | ("3570721"   "6180055"   "6334570"   "6340110").PN. OR ("6474537").URPN.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/07/28<br>16:57 |
| S13 | 2932  | (solder\$ with (bath or vat or wave or pool or reservoir or tank or flow)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank or flow)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>18:16 |
| S14 | 612   | S13 and S7  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>18:20 |
| S15 | 282   | S14 not S8  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/28<br>18:20 |

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| S16 | 3014  | (solder\$ with (bath or vat or wave or pool or reservoir or tank or flow or jet or fountain or drag)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank or flow)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:42 |
| S17 | 26632 | (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) with solder\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:47 |
| S18 | 619   | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:47 |
| S19 | 1672  | (solder\$ with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:50 |
| S20 | 330   | S19 and S17  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:50 |

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| S21 | 2932 | (solder\$ with (bath or vat or wave or pool or reservoir or tank or flow)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank or flow)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:50 |
| S22 | 612  | S21 and S17   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>08:50 |
| S23 | 0    | S22 not (S20 or S18)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>09:15 |
| S24 | 5320 | (silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>10:39 |
| S25 | 665  | ((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>10:39 |
| S26 | 43   | ((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder).clm.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>10:44 |
| S27 | 5    | ("5690890"   "5817194"   "6033488"   "6319461"   "6475643").PN. OR ("7148426").URPN.  | US-PGPUB;<br>USPAT; USOCR   | NEAR | ON | 2008/07/29<br>10:55 |
| S28 | 182  | ((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder).ab. not S26  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>11:05 |

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| S29 | 1  | ((MASAYUKI) near2 (OJIMA)).<br>INV.   | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:06 |
| S30 | 51 | ((HARUO) near2 (SUZUKI)).INV.         | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:07 |
| S31 | 1  | ((HIROFUMI) near2 (NOGAMI)).<br>INV.  | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:08 |
| S32 | 0  | ((NORIHI SA) near2 (EGUCHI)).<br>INV. | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:08 |
| S33 | 9  | ((OSAMU) near2 (MUNEKATA)).<br>INV.   | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:09 |
| S34 | 2  | 10/614351.app.                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>16:11 |
| S35 | 2  | 10/666129.app.                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>16:12 |
| S36 | 11 | ((MINORU) near2 (UESHIMA)).<br>INV.   | US-PGPUB;<br>USPAT  | NEAR | ON | 2008/07/29<br>16:14 |
| S37 | 1  | 10/866102.app.                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/29<br>16:16 |
| S38 | 2  | "7090268".pn.                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/30<br>11:50 |
| S39 | 1  | 01/03878                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/30<br>13:20 |
| S40 | 5  | "2004066305"                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2008/07/30<br>13:52 |

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| S41 | 11   | (US-20050005736-\$).did. or (US-6699306-\$ or US-6474537-\$ or US-7282175-\$ or US-7148426-\$ or US-6475643-\$ or US-6517602-\$ or US-7338567-\$).did. or (JP-2002336988-\$ or JP-2004066305-\$).did. or (KR-2001107354-\$).did.   | US-PGPUB;<br>USPAT; JPO;<br>DERWENT                                     | NEAR | ON | 2008/07/30<br>13:54 |
| S44 | 2    | "6699306".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/05<br>21:26 |
| S46 | 5618 | 228/102,11,103,256-260,33,34,36,37,40,39.ccls. or 75/386.ccls. or 420/590.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/05<br>21:29 |
| S47 | 1704 | (solder\$ with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/05<br>21:31 |
| S49 | 6809 | ((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/05<br>21:35 |

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| S50 | 210   | S46 and S49  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/05<br>21:35 |
| S51 | 2     | ("4634044"   "5393489").PN. OR<br>("6699306").URPN.  | US-PGPUB;<br>USPAT; USOCR   | ADJ  | ON | 2009/02/05<br>21:44 |
| S52 | 4     | ("3570721"   "6180055"  <br>"6334570"   "6340110").PN. OR<br>("6474537").URPN.   | US-PGPUB;<br>USPAT; USOCR   | ADJ  | ON | 2009/02/05<br>21:52 |
| S53 | 27204 | (p or phosphorus or Ge or<br>germanium or Ga or gallium or<br>ce or cerium) with solder\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/05<br>21:59 |
| S54 | 81    | S50 and S53  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/05<br>21:59 |
| S55 | 139   | S50 and (p or phosphorus or Ge<br>or germanium or Ga or gallium<br>or ce or cerium)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/05<br>22:10 |
| S56 | 19    | ("2397400"   "2671958"  <br>"2824543"   "2937435"  <br>"3000342"   "3480465"  <br>"3570741"   "3703763"  <br>"3733168"   "3744121").PN. OR<br>("3831263").URPN.  | US-PGPUB;<br>USPAT; USOCR   | ADJ  | ON | 2009/02/05<br>22:32 |
| S57 | 5618  | 228/102,11,103,256-<br>260,33,34,36,37,40,39.ccls. or<br>75/386.ccls. or 420/590.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>09:00 |
| S58 | 6809  | ((Solder\$4 or ((molten or<br>molting) near3 (metal or<br>material)) or braz\$4) with (bath<br>or vat or wave or pool or<br>reservoir or tank)) and<br>((replenish\$4 or renew\$4 or<br>rejuvenat\$4 or \$3charg\$3 or<br>innervat\$4 or restor\$4 or refill\$4<br>or refresh\$4 or reinvigorat\$4 or<br>restock\$4 or \$3freshen\$3 or<br>\$3fresh\$3 or reviv\$4 or<br>recondition\$4 or restitut\$4 or<br>replac\$4 or regenerat\$4 or<br>revitaliz\$4 or revamp\$4 or revivif<br>\$4 or resuscitat\$4 or revitaliz\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/06<br>09:00 |

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|     |     | with (bath or vat or wave or pool or reservoir or tank))   |   |      |    |                     |
| S59 | 210 | S57 and S58  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>09:00 |
| S60 | 139 | S59 and (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/06<br>09:00 |
| S61 | 71  | S59 not S60  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>09:00 |
| S62 | 2   | ("3935003").PN. OR ("4707333").URPN.   | US-PGPUB;<br>USPAT; USOCR   | ADJ  | ON | 2009/02/06<br>09:12 |
| S63 | 6   | S58 and 75/384.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>09:57 |
| S64 | 128 | ((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or re\$1charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4) with (bath or vat or wave or pool or reservoir or tank)) and (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | NEAR | ON | 2009/02/06<br>10:45 |
| S65 | 128 | S64 not (S59 or S60)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>11:01 |

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| S66 | 2     | 10/030882.app.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>12:25 |
| S67 | 34872 | (replenish\$4 or renew\$4 or rejuvenat\$4 or charg\$3 or re\$1charg\$4 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4) with (oxidiz\$4 or de\$1oxidiz\$4 or scavenger\$4 or (suppress\$4 near3 element))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>14:25 |
| S68 | 39    | S67 and (S57 or 75/384.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/06<br>14:27 |
| S69 | 196   | 420/560.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/09<br>11:16 |
| S70 | 1     | S69 and (((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank))) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/09<br>11:17 |

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|-----|----|--|---|------|----|---------------------|
| S71 | 1  | S69 and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/09<br>11:19 |
| S72 | 1  | S69 and ((replenish\$4 or renew\$4 or rejuvenat\$4 or charg\$3 or re\$1charg\$4 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4) with (oxidiz\$4 or de\$1oxidiz\$4 or scavenger\$4 or (suppress\$4 near3 element)))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/09<br>11:21 |
| S73 | 5  | S69 and ((replenish\$4 or renew\$4 or rejuvenat\$4 or charg\$3 or re\$1charg\$4 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4) with (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2009/02/09<br>11:29 |
| S74 | 27 | 228/56.1,56.2.ccls. and ((solder\$ or molten or molting or melt\$3 or braz\$4) with (bath or vat or wave or pool or reservoir or tank or flow)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revamp\$4 or revivif\$4 or resuscitat\$4 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank or flow)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2009/02/12<br>13:20 |

|     |     |   |   |     |    |                     |
|-----|-----|---|---|-----|----|---------------------|
| S75 | 133 | 75/386.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/22<br>09:59 |
| S76 | 2   | ("4634044"   "5393489").PN. OR<br>("6699306").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/07/22<br>10:08 |
| S77 | 3   | S75 and (solder\$4 or braz\$4)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/22<br>10:23 |

**7/27/2009 6:53:16 PM**

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